

WO 00/58465

PCT/US00/06417

## SEQUENCE LISTING

<110> Witcher, Derrick  
Rathnachalam, Radhakrishnan  
Gonzales-DeWhitt, Patricia  
Micanovic, Radmila  
Becker, Gerald W.  
Hale, John E.  
Tschang, Sheng-Hung R.  
Cohen, Fredric J.  
Newton, Christy M.  
Noblitt, Timothy W.  
Wroblewski, Victor, J.

<120> FLINT Polypeptide Analogs

<130> X-12799

<140>

<141>

<160> 4

<170> PatentIn Ver. 2.0

<210> 1

<211> 271

<212> PRT

<213> Homo sapiens

<400> 1

Val	Ala	Glu	Thr	Pro	Thr	Tyr	Pro	Trp	Arg	Asp	Ala	Glu	Thr	Gly	Glu	
1				5					10					15		
Arg	Leu	Val	Cys	Ala	Gln	Cys	Pro	Pro	Gly	Thr	Phe	Val	Gln	Arg	Pro	
			20					25					30			
Cys	Arg	Arg	Asp	Ser	Pro	Thr	Thr	Cys	Gly	Pro	Cys	Pro	Pro	Arg	His	
			35				40					45				
Tyr	Thr	Gln	Phe	Trp	Asn	Tyr	Leu	Glu	Arg	Cys	Arg	Tyr	Cys	Asn	Val	
	50					55					60					
Leu	Cys	Gly	Glu	Arg	Glu	Glu	Glu	Ala	Arg	Ala	Cys	His	Ala	Thr	His	
	65				70					75					80	
Asn	Arg	Ala	Cys	Arg	Cys	Arg	Thr	Gly	Phe	Phe	Ala	His	Ala	Gly	Phe	
				85					90					95		
Cys	Leu	Glu	His	Ala	Ser	Cys	Pro	Pro	Gly	Ala	Gly	Val	Ile	Ala	Pro	
			100					105					110			
Gly	Thr	Pro	Ser	Gln	Asn	Thr	Gln	Cys	Gln	Pro	Cys	Pro	Pro	Gly	Thr	
		115					120					125				
Phe	Ser	Ala	Ser	Ser	Ser	Ser	Ser	Glu	Gln	Cys	Gln	Pro	His	Arg	Asn	
	130					135					140					
Cys	Thr	Ala	Leu	Gly	Leu	Ala	Leu	Asn	Val	Pro	Gly	Ser	Ser	Ser	His	
145					150					155					160	

**PCT/US00/06417**

```
<210> 2
<211> 813
<212> DNA
<213> Homo sapiens
```

gtggcgagaaa	caccacaccta	cccctggcgg	gacgcagaga	caggggagcg	gctggtgtgc	60
gcccagtgcc	ccccaggcac	ctttgtgcag	cggccgtgcc	gccgagacag	ccccacgacg	120
tgtggcccg	gtccaccgcg	ccactacacg	cagttctgga	actacctgga	gcgctgcccg	180
tactgcaacg	tccctctgcg	ggagcgtgag	gaggaggcac	gggcttgcca	cgccacccac	240
aaccgtgcct	gcgcgtgcg	caccggcttc	ttcgcgcacg	ctggtttctg	cttgaggcac	300
gcatcgtgtc	cacctggtgc	cggcgtgatt	gccccgggca	ccccagcca	gaacacgcag	360
tgccagccgt	gccccccagg	caccttctca	gccagcagct	ccagctcaga	gcagtgccag	420
ccccaccgca	actgcacggc	cctgggcctg	gccctcaatg	tgccaggctc	ttcctcccat	480
gacaccctgt	gcaccagctg	cactggcttc	ccccacgca	cagggtacc	aggagctgag	540
gagtgtagc	gtgccgtcat	cgactttgtg	gctttccagg	acatctccat	caagaggctg	600
cagcggctgc	tgcaggccct	cgaggccccg	gagggtggg	gtccgacacc	aagggcgggc	660
cgcgcggctc	tgcagctgaa	gctgcgtcgg	cggctcacgg	agctcctggg	ggcgaggac	720
ggggcgccct	tggtgcggct	gctgcaggcg	ctgcgcgtgg	ccaggatgcc	cgggctggag	780
cgagagcgtc	gtgagcgctt	cctccctgtg	cac			813

```
<210> 3
<211> 300
<212> PRT
<213> Homo sapiens
```

Met	Arg	Ala	Leu	Glu	Gly	Pro	Gly	Leu	Ser	Leu	Leu	Cys	Leu	Val	Leu
1				5					10					15	
Ala	Leu	Pro	Ala	Leu	Leu	Pro	Val	Pro	Ala	Val	Arg	Gly	Val	Ala	Glu
			20					25					30		
Thr	Pro	Thr	Tyr	Pro	Trp	Arg	Asp	Ala	Glu	Thr	Gly	Glu	Arg	Leu	Val
		35				40						45			
Cys	Ala	Gln	Cys	Pro	Pro	Gly	Thr	Phe	Val	Gln	Arg	Pro	Cys	Arg	Arg
	50					55					60				

WO 00/58465

PCT/US00/06417

Asp	Ser	Pro	Thr	Thr	Cys	Gly	Pro	Cys	Pro	Pro	Arg	His	Tyr	Thr	Gln
65					70					75					80
Phe	Trp	Asn	Tyr	Leu	Glu	Arg	Cys	Arg	Tyr	Cys	Asn	Val	Leu	Cys	Gly
				85					90					95	
Glu	Arg	Glu	Glu	Glu	Ala	Arg	Ala	Cys	His	Ala	Thr	His	Asn	Arg	Ala
			100					105					110		
Cys	Arg	Cys	Arg	Thr	Gly	Phe	Phe	Ala	His	Ala	Gly	Phe	Cys	Leu	Glu
		115					120					125			
His	Ala	Ser	Cys	Pro	Pro	Gly	Ala	Gly	Val	Ile	Ala	Pro	Gly	Thr	Pro
		130				135						140			
Ser	Gln	Asn	Thr	Gln	Cys	Gln	Pro	Cys	Pro	Pro	Gly	Thr	Phe	Ser	Ala
145					150					155					160
Ser	Ser	Ser	Ser	Ser	Glu	Gln	Cys	Gln	Pro	His	Arg	Asn	Cys	Thr	Ala
				165					170					175	
Leu	Gly	Leu	Ala	Leu	Asn	Val	Pro	Gly	Ser	Ser	Ser	His	Asp	Thr	Leu
			180					185					190		
Cys	Thr	Ser	Cys	Thr	Gly	Phe	Pro	Leu	Ser	Thr	Arg	Val	Pro	Gly	Ala
		195					200					205			
Glu	Glu	Cys	Glu	Arg	Ala	Val	Ile	Asp	Phe	Val	Ala	Phe	Gln	Asp	Ile
		210				215					220				
Ser	Ile	Lys	Arg	Leu	Gln	Arg	Leu	Leu	Gln	Ala	Leu	Glu	Ala	Pro	Glu
225					230					235					240
Gly	Trp	Gly	Pro	Thr	Pro	Arg	Ala	Gly	Arg	Ala	Ala	Leu	Gln	Leu	Lys
				245					250					255	
Leu	Arg	Arg	Arg	Leu	Thr	Glu	Leu	Leu	Gly	Ala	Gln	Asp	Gly	Ala	Leu
			260					265					270		
Leu	Val	Arg	Leu	Leu	Gln	Ala	Leu	Arg	Val	Ala	Arg	Met	Pro	Gly	Leu
		275					280					285			
Glu	Arg	Ser	Val	Arg	Glu	Arg	Phe	Leu	Pro	Val	His				
		290				295					300				

<210> 4

<211> 29

<212> PRT

<213> Homo sapiens

<400> 4

Met	Arg	Ala	Leu	Glu	Gly	Pro	Gly	Leu	Ser	Leu	Leu	Cys	Leu	Val	Leu
1				5					10					15	

Ala	Leu	Pro	Ala	Leu	Leu	Pro	Val	Pro	Ala	Val	Arg	Gly
			20					25				